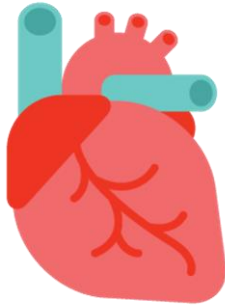




مدينة الملك فهد الطبية
King Fahad Medical City



Cardiac Catheterization

Cardiac Catheterization: A special diagnostic procedure for cardiac patients to examine the condition of cardiac arteries.

Instructions before Catheterization:

1. Perform the medical imaging, blood tests, and electrocardiograms.
2. Fast for **4-6** hours.
3. Shave using the tool prescribed by the hospital at the area where the catheter is inserted (**upper thigh or wrist area**).
4. Take off the underwear and put on hospital clothes.
5. Take a shower with soap and water or the disinfectant provided by the hospital.
6. Empty the bladder.

7. The catheterization room will be relatively cold in order for the imaging device to work properly.

Explanation of Catheterization Procedure:

The catheterization procedure is done under local anesthesia without the need for general anesthesia.

The doctor inserts a thin tube into the artery in the groin or wrist and then directs this tube towards the coronary arteries under x-ray guidance to check on them.

After that, a special dye is injected into the arteries and multiple images are taken to show any narrowing in the heart's arteries.

For treatment of coronary artery narrow, a tiny balloon is attached to the catheter at the end of it

and used to widen the coronary artery to improve blood flow.

Typically, a stent is used to keep the coronary artery open. This stent is a metal mesh tube.

Instructions after Catheterization:



1. Fixing the tip from which the catheter was performed for **4-6** hours and not moving it a lot to avoid bleeding and performing prayer while lying down.
2. The patient can perform the prayer sitting for **(3 days)** if the catheterization is performed in the upper groin.
3. Avoid leaning on the foot where the catheterization was performed while going up the stairs.

- 4. Avoid driving for the period specified by the doctor.**
- 5. Avoid leaning and carrying heavy objects using the hand in which the catheterization was performed for a period of (3 days).**
- 6. Avoid boarding the plane for (3 days) without the doctor's permission.**
- 7. Drinking a lot of water to get rid of the dye in the body.**
- 8. Keeping the catheter area clean and dry to avoid infections.**
- 9. In the event of bleeding or pus coming out of the catheter area, contact the treating physician or go to the emergency department immediately.**
- 10. Taking the prescribed medications, following the diet, and avoiding smoking.**

لأن الوعي وقاية ..

إدارة التثقيف الصحي

(Health Education Section, King Salman Heart Center)

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